BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

ame of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR out of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and dahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Pre-Measurement Sheet

Third and Part

tem No:	**18**
m Name:	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.Clause

CHAINAGE Land Mark		NO's	L (m)	B1 (m)	B2 (m)	AvgB (m)	D (m)	QTY	REMARKS
r Coat For Asphalt Road									
Nandana Layout (Asphalt Road)									
1st Main Road									
m 2nd Main Road	0.00	30.00	1	30.00	5.45	5.50	5.48		164.25
	30.00	60.00	1	30.00	5.50	5.70	5.60		168.00
	60.00	77.10	1	17.10	5.70	5.90	5.80		99.18
2nd Main Road									
m 1st Main Road	0.00	30.00	1	30.00	7.35	7.00	7.18		215.25
	30.00	60.00	1	30.00	7.00	5.70	6.35		190.50
	60.00	67.70	1	7.70	5.70	5.50	5.60		43.12
nt of Lakshmi House	0.00	12.00	1	12.00	5.10	5.10	5.10		61.20
3rd Cross Road									
m 2nd Main Road	0.00	30.00	1	30.00	5.15	5.10	5.13		153.75
	30.00	60.00	1	30.00	5.10	5.20	5.15		154.50
	60.00	90.00	1	30.00	5.20	5.30	5.25		157.50
	90.00	120.00	1	30.00	5.30	5.20	5.25		157.50
	120.00	150.00	1	30.00	5.20	5.40	5.30		159.00
	150.00	152.00	1	2.00	5.40	5.40	5.40		10.80
2nd Cross Road									
m 2nd Main Road	0.00	30.00	1	30.00	5.50	5.70	5.60		168.00
	30.00	60.00	1	30.00	5.70	4.80	5.25		157.50
	60.00	90.00	1	30.00	4.80	5.60	5.20		156.00
	90.00	120.00	1	30.00	5.60	5.70	5.65		169.50
	120.00	133.50	1	13.50	5.70	6.30	6.00		81.00
1st Cross Road									

	CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
2nd Main Road	0.00	30.00	1	30.00	5.60	5.50	5.55		166.50	
	30.00	60.00	1	30.00	5.50	5.40	5.45		163.50	
	60.00	90.00	1	30.00	5.40	5.50	5.45		163.50	
	90.00	120.00	1	30.00	5.50	5.50	5.50		165.00	
	120.00	123.00	1	3.00	5.50	5.70	5.60		16.80	
								Total Qty Work Done	3141.85	Sqm
								Qty Payable in this bill	3141.85	Sqm

Assistant Engineer
Ward No. 12
BBMP-Bengaluru

18/07/22 TO 19/07/22

For CKG Constructions Private Limited

Managing Director

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

(18/07/22 & 19/07/22)

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

me of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR ut of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and dahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Pre-Measurement Sheet

Third and Part

tem No: 19

m Name: Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.- do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-ll Cum (50 mm to 75 mm) with 4.5 % VG-30 Bitumen

CHAINAGE / Land Mark		NO's	L (m)	B1 (m)	B2 (m)	AvgB (m)	D (m)	QTY	REMARKS
Nandana Layout (Asphalt Road)									
1st Main Road									
m 2nd Main Road	0.00	30.00	1	30.00	5.45	5.50	5.48	0.05	8.21
	30.00	60.00	1	30.00	5.50	5.70	5.60	0.05	8.40
	60.00	77.10	1	17.10	5.70	5.90	5.80	0.05	4.96
2nd Main Road									
m 1st Main Road	0.00	30.00	1	30.00	7.35	7.00	7.18	0.05	10.76
	30.00	60.00	1	30.00	7.00	5.70	6.35	0.05	9.53
	60.00	67.70	1	7.70	5.70	5.50	5.60	0.05	2.16
nt of Lakshmi House	0.00	12.00	1	12.00	5.10	5.10	5.10	0.05	3.06
3rd Cross Road									
m 2nd Main Road	0.00	30.00	1	30.00	5.15	5.10	5.13	0.05	7.69
	30.00	60.00	1	30.00	5.10	5.20	5.15	0.05	7.73
	60.00	90.00	1	30.00	5.20	5.30	5.25	0.05	7.88
	90.00	120.00	1	30.00	5.30	5.20	5.25	0.05	7.88
	120.00	150.00	1	30.00	5.20	5.40	5.30	0.05	7.95
	150.00	152.00	1	2.00	5.40	5.40	5.40	0.05	0.54
2nd Cross Road									
m 2nd Main Road	0.00	30.00	1	30.00	5.50	5.70	5.60	0.05	8.40
	30.00	60.00	1	30.00	5.70	4.80	5.25	0.05	7.88
	60.00	90.00	1	30.00	4.80	5.60	5.20	0.05	7.80
	90.00	120.00	1	30.00	5.60	5.70	5.65	0.05	8.48
	120.00	133.50	1	13.50	5.70	6.30	6.00	0.05	4.05
1st Cross Road									
m 2nd Main Road	0.00	30.00	1	30.00	5.60	5.50	5.55	0.05	8.33
	30.00	60.00	1	30.00	5.50	5.40	5.45	0.05	8.18
	60.00	90.00	1	30.00	5.40	5.50	5.45	0.05	8.18

CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
90.00	120.00	1	30.00	5.50	5.50	5.50	0.05	8.25	
120.00	123.00	1	3.00	5.50	5.70	5.60	0.05	0.84	
							Total Qty Work Done	157.09	Cum
							Qty Payable in this bill	157.09	Cum

Assistant Engineer
Ward No. 12
BBMP-Bengaluru

For CKB Constructions Private Limited

Managing Director

Assistant Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

me of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR ut of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and dahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Pre-Measurement Sheet

Third and Part

em No:	20									
n Name:	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.									
	CHAINAGE / **Land Mark**		**NO's**	**L** (m)	**B1** (m)	**B2** (m)	**AvgB** (m)	**D** (m)	**QTY**	**REMARKS**
Coat										
	Nandana Layout (Asphalt Road)									
	1st Main Road									
n 2nd Main Road	0.00	30.00	1	30.00	5.45	5.50	5.48		164.25	
	30.00	60.00	1	30.00	5.50	5.70	5.60		168.00	
	60.00	77.10	1	17.10	5.70	5.90	5.80		99.18	
	2nd Main Road									
m 1st Main Road	0.00	30.00	1	30.00	7.35	7.00	7.18		215.25	
	30.00	60.00	1	30.00	7.00	5.70	6.35		190.50	
	60.00	67.70	1	7.70	5.70	5.50	5.60		43.12	
t of Lakshmi House	0.00	12.00	1	12.00	5.10	5.10	5.10		61.20	
	3rd Cross Road									
m 2nd Main Road	0.00	30.00	1	30.00	5.15	5.10	5.13		153.75	
	30.00	60.00	1	30.00	5.10	5.20	5.15		154.50	
	60.00	90.00	1	30.00	5.20	5.30	5.25		157.50	
	90.00	120.00	1	30.00	5.30	5.20	5.25		157.50	
	120.00	150.00	1	30.00	5.20	5.40	5.30		159.00	
	150.00	152.00	1	2.00	5.40	5.40	5.40		10.80	
	2nd Cross Road									
m 2nd Main Road	0.00	30.00	1	30.00	5.50	5.70	5.60		168.00	
	30.00	60.00	1	30.00	5.70	4.80	5.25		157.50	
	60.00	90.00	1	30.00	4.80	5.60	5.20		156.00	
	90.00	120.00	1	30.00	5.60	5.70	5.65		169.50	
	120.00	133.50	1	13.50	5.70	6.30	6.00		81.00	
	1st Cross Road									
om 2nd Main Road	0.00	30.00	1	30.00	5.60	5.50	5.55		166.50	
	30.00	60.00	1	30.00	5.50	5.40	5.45		163.50	
	60.00	90.00	1	30.00	5.40	5.50	5.45		163.50	
	90.00	120.00	1	30.00	5.50	5.50	5.50		165.00	

CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
120.00	123.00	1	3.00	5.50	5.70	5.60		16.80	
							Total Qty Work Done	3141.85	Sqm
							Qty Payable in this bill	3141.85	Sqm

Executive Engineer
20/7/22 to 21/7/22

istant Engineer
Ward No. 12
MP-Bengaluru

For CKG Constructions Private Limited

Managing Director

Executive Engineer

Asst Exeeutive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

(20/07/22 & 21/07/22)

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR hikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Measurement Sheet

Third and Part

21

ne: Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.- do - using 40-60 TPH capacity HMP with mechanical paver grading II Cum (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of

	CHAINAGE / Land Mark		NO's	L (m)	B1 (m)	B2 (m)	AvgB (m)	D (m)	QTY	REMARKS
	Nandana Layout (Asphalt Road)									
	1st Main Road									
Main	0.00	30.00	1	30.00	5.45	5.50	5.48	0.03	4.93	
	30.00	60.00	1	30.00	5.50	5.70	5.60	0.03	5.04	
	60.00	77.10	1	17.10	5.70	5.90	5.80	0.03	2.98	
	2nd Main Road									
Main	0.00	30.00	1	30.00	7.35	7.00	7.18	0.03	6.46	
	30.00	60.00	1	30.00	7.00	5.70	6.35	0.03	5.72	
	60.00	67.70	1	7.70	5.70	5.50	5.60	0.03	1.29	
kshmi	0.00	12.00	1	12.00	5.10	5.10	5.10	0.03	1.84	
	3rd Cross Road									
Main	0.00	30.00	1	30.00	5.15	5.10	5.13	0.03	4.61	
	30.00	60.00	1	30.00	5.10	5.20	5.15	0.03	4.64	
	60.00	90.00	1	30.00	5.20	5.30	5.25	0.03	4.73	
	90.00	120.00	1	30.00	5.30	5.20	5.25	0.03	4.73	
	120.00	150.00	1	30.00	5.20	5.40	5.30	0.03	4.77	
	150.00	152.00	1	2.00	5.40	5.40	5.40	0.03	0.32	
	2nd Cross Road									
Main 1	0.00	30.00	1	30.00	5.50	5.70	5.60	0.03	5.04	
	30.00	60.00	1	30.00	5.70	4.80	5.25	0.03	4.73	
	60.00	90.00	1	30.00	4.80	5.60	5.20	0.03	4.68	
	90.00	120.00	1	30.00	5.60	5.70	5.65	0.03	5.09	
	120.00	133.50	1	13.50	5.70	6.30	6.00	0.03	2.43	
	1st Cross Road									
1 Main d	0.00	30.00	1	30.00	5.60	5.50	5.55	0.03	5.00	
	30.00	60.00	1	30.00	5.50	5.40	5.45	0.03	4.91	
	60.00	90.00	1	30.00	5.40	5.50	5.45	0.03	4.91	

CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
90.00	120.00	1	30.00	5.50	5.50	5.50	0.03	4.95	
120.00	123.00	1	3.00	5.50	5.70	5.60	0.03	0.50	
							Total Qty Work Done	94.26	Cum
							Qty Payable in this bill	94.26	Cum

E.E. (D.D.)

Assistant Engineer
Ward No. 12
BBMP-Bengaluru

20/07/22 to 21/07/22

(20/07/22 & 21/07/22)

For CKC Constructions Private Limited

Managing Director

Asst Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

ame of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR out of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and edahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Measurement Sheet

Third and Part

Item No:	22									
m Name:	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803									
	CHAINAGE Land Mark		NO's	L (m)	B1 (m)	B2 (m)	AvgB (m)	D (m)	QTY	REMARKS
l Marking										
	Nandana Layout (Asphalt Road)									
	1st Main Road									
m 2nd Main Road	0.00	30.00	2	30.00	0.10				6.00	
	30.00	60.00	2	30.00	0.10				6.00	
	60.00	77.10	2	17.10	0.10				3.42	
	2nd Main Road									
m 1st Main Road	0.00	30.00	2	30.00	0.10				6.00	
	30.00	60.00	2	30.00	0.10				6.00	
	60.00	67.70	2	7.70	0.10				1.54	
t of Lakshmi House	0.00	12.00	2	12.00	0.10				2.40	
	3rd Cross Road									
n 2nd Main Road	0.00	30.00	2	30.00	0.10				6.00	
	30.00	60.00	2	30.00	0.10				6.00	
	60.00	90.00	2	30.00	0.10				6.00	
	90.00	120.00	2	30.00	0.10				6.00	
	120.00	150.00	2	30.00	0.10				6.00	
	150.00	152.00	2	2.00	0.10				0.40	
	2nd Cross Road									
n 2nd Main Road	0.00	30.00	2	30.00	0.10				6.00	
	30.00	60.00	2	30.00	0.10				6.00	
	60.00	90.00	2	30.00	0.10				6.00	
	90.00	120.00	2	30.00	0.10				6.00	
	120.00	133.50	2	13.50	0.10				2.70	
	1st Cross Road									
m 2nd Main Road	0.00	30.00	2	30.00	0.10				6.00	
	30.00	60.00	2	30.00	0.10				6.00	
	60.00	90.00	2	30.00	0.10				6.00	

CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
90.00	120.00	2	30.00	0.10				6.00	
120.00	123.00	2	3.00	0.10				0.60	
							Total Qty Work Done	113.06	Sqm
							Qty Payable in this bill	113.06	Sqm

27/07/22

Assistant Engineer
Ward No. 12
BBMP-Bengaluru

For CKG Constructions Private Limited

Managing Director

27/07/22

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru